

Title (en)

Device for rapid correction of a display system

Title (de)

Vorrichtung zur Schnelld Korrektur eines Anzeigesystems

Title (fr)

Dispositif de correction rapide d'un système d'affichage

Publication

EP 2615506 A1 20130717 (FR)

Application

EP 12196663 A 20121212

Priority

- EP 12150548 A 20120110
- EP 12196663 A 20121212

Abstract (en)

The mechanism has a measuring system connected to a display system for displaying time-related/other piece of information (2). The measuring system comprises a quick correction device with an epicycloidal gear train. The correction device includes an external planetary wheel connected at outer toothing. An internal planetary wheel is connected to a correction unit via a satellite gear, where the gear train of the display system is moved by the gear train of the measuring system or by the correction unit without inducing stress in the gear train of the measuring system. An independent claim is also included for a timepiece.

Abstract (fr)

L'invention se rapporte à un mécanisme (5) comportant un système de mesure (11, 13) relié mécaniquement à un système d'affichage (9) destiné à afficher une information horaire ou non (2, 14). Selon l'invention, le système d'affichage (9) comporte un dispositif de correction rapide (10, 12) à train épicycloïdal qui permet de corriger à n'importe quel moment ledit affichage de l'information horaire ou non (2, 14) en maintenant le rapport du système d'affichage (9) par rapport au système de mesure (11, 13) lors de la phase de correction. L'invention concerne notamment le domaine des pièces d'horlogerie.

IPC 8 full level

G04B 27/00 (2006.01); **G04B 19/24** (2006.01); **G04B 19/25** (2006.01); **G04B 19/26** (2006.01); **G04B 47/06** (2006.01)

CPC (source: EP US)

G04B 19/24 (2013.01 - EP US); **G04B 19/262** (2013.01 - US); **G04B 19/268** (2013.01 - EP US); **G04B 27/001** (2013.01 - EP US); **G04B 27/005** (2013.01 - EP US); **G04B 47/06** (2013.01 - EP US); **G04B 47/066** (2013.01 - EP); **G04B 47/068** (2013.01 - EP US)

Citation (search report)

- [A] FR 2541005 A1 19840817 - TIMEX CORP [US]
- [A] FR 2463435 A1 19810220 - TIMEX CORP [US]
- [A] EP 0008832 A2 19800319 - EBAUCHESFABRIK ETA AG [CH]

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EP3316048A1; CH714267A1; CN108021015A; EP3252543A1; EP4068010A1; WO2019081253A1; US10281878B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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EP 2615506 A1 20130717; **EP 2615506 B1 20140625**; CN 103197527 A 20130710; CN 103197527 B 20150909; HK 1187119 A1 20140328; JP 2013142701 A 20130722; JP 5450844 B2 20140326; US 2013176827 A1 20130711; US 8837260 B2 20140916

DOCDB simple family (application)

EP 12196663 A 20121212; CN 201310009940 A 20130110; HK 14100090 A 20140106; JP 2013002336 A 20130110; US 201313735118 A 20130107